Beachwood & Veeder Avenues Well Contamination

Beachwood & Veeder Avenues
Dover Township Ocean County

BLOCK: Various **LOT:** Various

Community Relations Coordinator: Karen Kloo (609) 777-1971

SITE DESCRIPTION/RESOLUTION OF ENVIRONMENTAL CONCERNS:

Sampling conducted in 1996 pursuant to Ocean County's real estate transfer regulations identified seven private potable wells in this area that were contaminated with mercury at levels exceeding the New Jersey Drinking Water Standard. NJDEP's Remedial Response Element conducted additional sampling between 1997 and 1998 that identified fourteen potable wells in the area that were contaminated with volatile organic compounds at levels exceeding Drinking Water Standards. The primary volatile organic contaminants were trichloroethylene (TCE) and tetrachloroethylene (also known as perchloroethylene, or PCE). Point-of-Entry Treatment (POET) systems were installed on the wells with funds provided by NJDEP as an interim measure to supply potable water for the residents. The Remedial Response Element subsequently delineated the Currently Known Extent (CKE) of the potable well contamination and completed a water supply alternatives analysis that concluded installation of public water lines to the properties within the CKE was the most cost-effective long-term remedy. The local water purveyor completed construction of the water lines in 2001 using funds provided by NJDEP. Connection of the residences to the water lines and sealing of the wells is underway and expected to be completed in 2003. Approximately 70 residences will be connected to the water line when the project is complete.

NJDEP completed a source investigation in 2000 that concluded the volatile organic contamination at the Beachwood and Veeder Avenues site may have migrated from the North Gilford Park Ground Water Contamination Area, which is located three tenths of a mile to the southwest. The origin of the mercury contamination was not identified during the source investigation.